REMARKS

Reconsideration and allowance of the above-referenced application are respectfully requested.

Initially, regarding the claim for priority, note a preliminary amendment was originally filed with the application on September 5, 2000, copy of appropriate page attached. That preliminary amendment claimed priority to the prior U.S. application serial number 08/744,494. This has been corrected to list the proper status of that application, now U.S. Patent No. 6,115,065.

Claims 2, 9 and 19 stand objected due to informalities. The Examiner is thanked for pointing out the error in claim 2. Claims 9 and 19 have been amended to depend from claim 2, as was originally intended.

The indication that claims 11-13, 17 and 18 would be allowable if rewritten into independent form is appreciatively noted. Claim 11 has been amended into independent form, which should thus render these claims as allowable.

Claims 2-9 and 19 stand rejected under 35 USC 102(b) as allegedly being anticipated by Komiya et al. In response, claim 2 is canceled. Claim 3 is amended into independent form and to further recite that the information is processed to combine portions from the first integration time with portions of

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information from the longer integration time. This is not taught or suggested by Komiya et al. While Komiya et al does admittedly teach that the data _itself_ is concatenated, there is no teaching or suggestion that the processing combines information in this way.

Claim 4 has been also amended into independent form, and also to recite that separate rows of pixels are read for the shorter and longer integration times respectively. This makes the scope of claim 4 similar to that of allowable claim 11 and should be allowable for these reasons.

Claim 19 has been amended to depend from claim 11, and should be allowable by virtue of its dependence.

Claims 10, 14 and 16 stand rejected under 35 USC 102(b) as allegedly being anticipated by Wilder et al. Claim 10 has been amended to include the limitations of claim 14 therein, which states that an entire row of pixels is read at a time in addition to two different separated rows being read in each readout process. Wilder never teaches or suggest reading an entire row at each reading time. The rejection points to column 6, lines 3-47 of Wilder which does teach that there are different modes of operation. However, note the modes of operations 1-4 column 6, lines 15-39. Note that the modes are 1) one element at a time, 2) more than one element at a time,

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which is a group comprised of several pixels along a row, 3)
more than one element per column at a time again several pixels,
or 4) combinations of 2 and 3. Nowhere is there teaching or
suggestion of an entire row at each time, only "several pixels"
at a time. Therefore, this claim should be additionally
allowable. .

Claims 20-24 stand rejected based on Morimura. Morimura
does teach a multiple resolution system, but does not teach that
the same field is used for both resolutions. Note for example
column 5. This explains the integration. Note that the long
integration and the short integration are over mutually
exclusive times. This can lead to smearing in the image, since
the different integrations are from different times. Claim 20
has been amended to recite that both the first integration time
in the second integration time start at a first time. Because
both periods have mutually inclusive portions, there may be less
smearing in the final image. This is not in any way taught or
suggested by Moriumura, and therefore these claims should be
allowable.

Claim 15 was rejected over Wilder et al in view of
Moriumura. Claim 15 should be allowable by virtue of its
dependency on claim 10. Nothing in Wilder et al or Moriumura
teaches or suggests reading an entire row at a time, as claimed.

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In view of the above amendments and remarks, therefore, all of the claim should be in condition for allowance. A formal notice to that effect is respectfully solicited.

It is believed that all of the pending claims have been addressed in this paper. However, failure to address a specific rejection, issue or comment, does not signify agreement with or concession of that rejection, issue or comment. In addition, because the arguments made above are not intended to be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not necessarily signify concession of unpatentability of the claim prior to its amendment.
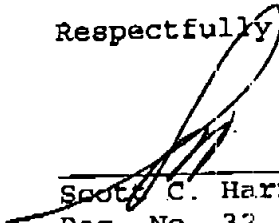
Applicant asks that all claims be allowed. Pursuant to 37 CFR §1.136, applicant hereby requests that the period for response to the action dated July 23, 2004 be extended for one

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month to and including November 23, 2004. Please apply any

charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:November 23, 2004

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